

Huanqing Cui

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,171
citations

567144

15
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Chameleon-Inspired Structural-Color Actuators. <i>Matter</i> , 2019, 1, 626-638.	5.0	197
2	Reconfiguration, Camouflage, and Color-Shifting for Bioinspired Adaptive Hydrogel-Based Millirobots. <i>Advanced Functional Materials</i> , 2020, 30, 1909202.	7.8	153
3	Programmed Shape-Morphing Scaffolds Enabling Facile 3D Endothelialization. <i>Advanced Functional Materials</i> , 2018, 28, 1801027.	7.8	125
4	Bio-inspired sensing and actuating materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6493-6511.	2.7	112
5	Microfluidic Platforms toward Rational Material Fabrication for Biomedical Applications. <i>Small</i> , 2020, 16, e1903798.	5.2	80
6	Photothermally Triggered Shape-Adaptable 3D Flexible Electronics. <i>Advanced Materials Technologies</i> , 2017, 2, 1700120.	3.0	69
7	Bioinspired Actuators Based on Stimuli-Responsive Polymers. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2369-2387.	1.7	60
8	Tunable shape memory polymer mold for multiple microarray replications. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24748-24755.	5.2	52
9	Regulation Effects of Biomimetic Hybrid Scaffolds on Vascular Endothelium Remodeling. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23583-23594.	4.0	49
10	Synthesis of amphiphilic spiropyran-based random copolymer by atom transfer radical polymerization for Co ²⁺ recognition. <i>Dyes and Pigments</i> , 2015, 115, 50-57.	2.0	47
11	Breath-Taking Patterns: Discontinuous Hydrophilic Regions for Photonic Crystal Beads Assembly and Patterns Revisualization. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38117-38124.	4.0	46
12	A stage-specific cell-manipulation platform for inducing endothelialization on demand. <i>National Science Review</i> , 2020, 7, 629-643.	4.6	38
13	Intelligent Polymer-Based Bioinspired Actuators: From Monofunction to Multifunction. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000138.	3.3	33
14	Near-Infrared Light-Driven Controllable Motions of Gold-Hollow-Microcone Array. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15927-15935.	4.0	19
15	Fabrication of triple responsive polymer brushes and their catalytic performance after loading palladium. <i>RSC Advances</i> , 2015, 5, 72444-72452.	1.7	18
16	Highly dispersive nano-TiO ₂ in situ growing on functional graphene with high photocatalytic activity. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	16
17	Synthesis of spiropyran-containing random copolymer by atom transfer radical polymerization and its complexation with metal ions. <i>Designed Monomers and Polymers</i> , 2015, 18, 574-582.	0.7	14
18	Synthesis and adsorption behaviors of poly(2-(dimethylamino)ethyl methacrylate) brushes on silica particles by surface-initiated atom transfer radical polymerization. <i>Powder Technology</i> , 2013, 249, 1-6.	2.1	13

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19	Preparation and characterization of dual-responsive spiropyran-based random copolymer brushes via surface-initiated atom transfer radical polymerization. <i>Designed Monomers and Polymers</i> , 2016, 19, 193-204.	0.7	12
20	Synthesis and Characterization of Poly(methyl methacrylate) Brushes on Silica Particles by Surface-Initiated Atom Transfer Radical Polymerization. <i>Asian Journal of Chemistry</i> , 2014, 26, 2987-2991.	0.1	4
21	Tissue Engineering: Programmed Shape-Morphing Scaffolds Enabling Facile 3D Endothelialization (Adv.) <i>Tissue Engineering</i> , 2014, 20, 1434-1444.	0.7843	14
22	One-Pot Self-Assembly of Dual-Color Domes Using Mono-Sized Silica Nanoparticles. <i>Nano Letters</i> , 2022, 22, 5236-5243.	4.5	4
23	Poly(N-isopropylacrylamide) hydrogel-based shape-adjustable polyimide films triggered by near-human-body temperature. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4197-4200.		2
24	Vapor-condensation-assisted reverse display for anti-counterfeiting applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 10000-10000.		2
25	Hydrogel-Based Millirobots: Reconfiguration, Camouflage, and Color-Shifting for Bioinspired Adaptive Hydrogel-Based Millirobots (<i>Adv. Funct. Mater.</i> 10/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070064.	7.8	2